

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	1583	catadioptric\$	USPAT; US-PGPU B; EPO; 2003/ JPO; 01/29 DERWENT 19:09 ; IBM_TDB	
2	BRS	L2	58083	beam-split\$5 or beamsplit\$5 or (beam adj2 split\$5)	USPAT; US-PGPU B; EPO; 2003/ JPO; 01/29 DERWENT 19:09 ; IBM_TDB	
3	BRS	L3	16395	concave with mirror\$3	USPAT; US-PGPU B; EPO; 2003/ JPO; 01/29 DERWENT 19:10 ; IBM_TDB	
4	BRS	L4	1438901	optical\$	USPAT; US-PGPU B; EPO; 2003/ JPO; 01/29 DERWENT 19:11 ; IBM_TDB	
5	BRS	L5	507965	lens or lenses	USPAT; US-PGPU B; EPO; 2003/ JPO; 01/29 DERWENT 19:11 ; IBM_TDB	

09/665184

	Type	L #	Hits	Search Text	DBs	Time Stamp
6	BRS	L6	677136	projection	USPAT; US-PGPU B; EPO; 2003/ JPO; 01/29 DERWENT 19:12 ; IBM_TDB	
7	BRS	L7	239027	photosensitive or photo-sensitive	USPAT; US-PGPU B; EPO; 2003/ JPO; 01/29 DERWENT 19:12 ; IBM_TDB	
8	BRS	L8	478305	exposure	USPAT; US-PGPU B; EPO; 2003/ JPO; 01/29 DERWENT 19:12 ; IBM_TDB	
9	BRS	L9	232	1 and 2 and 3	USPAT; US-PGPU B; EPO; 2003/ JPO; 01/29 DERWENT 19:12 ; IBM_TDB	
10	BRS	L1 0	311763	4 and 5	USPAT; US-PGPU B; EPO; 2003/ JPO; 01/29 DERWENT 19:12 ; IBM_TDB	

	Type	L #	Hits	Search Text	DBs	Time Stamp
11	BRS	L1 1	224	9 and 10	USPAT; US-PGPU B; EPO; 2003/ JPO; 01/29 DEFWENT 19:14 ; IBM_TLB	
12	BRS	L1 2	157	6 and 11	USPAT; US-PGPU B; EPO; 2003/ JPO; 01/29 DEFWENT 19:14 ; IBM_TLB	
13	BRS	L1 3	68469	7 and 8	USPAT; US-PGPU B; EPO; 2003/ JPO; 01/29 DEFWENT 19:14 ; IBM_TLB	
14	BRS	L1 4	60	12 and 13	USPAT; US-PGPU B; EPO; 2003/ JPO; 01/29 DEFWENT 19:27 ; IBM_TLB	
15	BRS	L1 5	38	takahashi-tomowaki.in.	USPAT; US-PGPU B; EPO; 2003/ JPO; 01/29 DEFWENT 19:28 ; IBM_TLB	

	Type	L #	Hits	Search Text	DBs	Time Stamp
16	BRS	L1 6	32	15 not 14	USPAT; US-PGPU B; EPO; 2003/ JPO; 01/29 DERWENT 19:28 ; IBM_TDB	

	Document ID	Source	Issue Date	Pages	Title	Current OR	Current XRef
1	JP 08304705 A	<input checked="" type="checkbox"/> J P O	1996 1122	21	REFLECTION REFRACTIVE OPTICAL SYSTEM		
2	JP 06349699 A	<input checked="" type="checkbox"/> J P O	1994 1222	21	SCANNING CATA-DIOPTRIC PROJECTION ALIGNER		
3	JP 06265789 A	<input checked="" type="checkbox"/> J P O	1994 0922	30	REFLECTION/REFRACTION /PROJECTION OPTICAL SYSTEM		
4	EP 1079253 A1	<input checked="" type="checkbox"/> E P O	2001 0228	81	PROJECTION EXPOSURE APPARATUS AND METHOD, AND REFLECTION REFRACTION OPTICAL SYSTEM		
5	WO 9952004 A1	<input checked="" type="checkbox"/> E P O	1999 1014	11 8	PROJECTION EXPOSURE APPARATUS AND METHOD, AND REFLECTION REFRACTION OPTICAL SYSTEM		
6	EP 869383 A2	<input checked="" type="checkbox"/> E P O	1998 1007	44	Catadioptric optical system		
7	EP 736789 A2	<input checked="" type="checkbox"/> E P O	1996 1009	36	Catadioptric optical system and exposure apparatus having the same		
8	US 5805334 A	<input checked="" type="checkbox"/> U S A T	1998 0908	14	Catadioptric projection systems	359/364	359/727 ; 359/732 ; 359/764
9	US 20020163733 A1	<input checked="" type="checkbox"/> U S - P G P U B	2002 1107	14	Dual-imaging optical system	359/627	359/629 ; 359/631
10	US 5808805 A	<input checked="" type="checkbox"/> U S A T	1998 0915	25	Exposure apparatus having catadioptric projection optical system	359/651	355/53 ; 359/631

	Document ID	Source	Issue Date	Pages	Title	Current OR	Current XRef
11	US 5999333 A	<input checked="" type="checkbox"/> PAT	1999 1207	26	Exposure apparatus having catadioptric projection optical system	359/726	359/717
12	US 5861997 A	<input checked="" type="checkbox"/> PAT	1999 0119	24	Catadioptric reduction projection optical system and exposure apparatus having the same	359/727	359/720
13	US 5689377 A	<input checked="" type="checkbox"/> PAT	1997 1118	28	Catadioptric optical system and exposure apparatus having the same	359/727	359/732 ; 359/733
14	US 6392822 B1	<input checked="" type="checkbox"/> PAT	2002 0521	14	Dual-imaging optical system	359/728	359/364 ; 359/727
15	US 6157498 A	<input checked="" type="checkbox"/> PAT	2000 1205	15	Dual-imaging optical system	359/728	359/53 ; 359/364 ; 359/365 ; 359/727
16	US 5969882 A	<input checked="" type="checkbox"/> PAT	1999 1019	27	Catadioptric optical system	359/728	359/364 ; 359/726 ; 359/727

# DialogWeb

Guided Search

\* Dynamic Search: CLAIMS®/Current Patent Legal Status, INPADOC/Family and Legal Status, LitAlert®

Records for: **pn=us 5808805**

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Records 1-2 of 2 In long Format

1. 1/5/1 (Item 1 from file: 123)

3040786

Status Changes:

REISSUE REQUESTED

Assignee:  
Nikon Corp JP

Patent	Issue
Number	Date

Patent:  
US 5808805

19980915

Reissue Requested:

Request	Request	Recorded	Exam.	Reissue
Number	Date	in OG	Group	Patent No.
09/665184	20000915	20001024	2873	

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2.

1/5/2 (Item 1 from file: 345)

12743281

Basic Patent No./File/Date : 12743281 A 19980915

PATENT FAMILY:  
JAPAN JP

Patent No./File/Date : 12743281 A 19980915

PROJECTION OPTICAL SYSTEM BY REFLECTION AND REFRACTION (English)  
 Patent Assignee: NIPPON KOGAKI KK  
 Author (Inventor): TAKAHASHI TOMOWAKI  
 Priority (No,Kind,Date): JP 9490000 A 19940412  
 Applic (No,Kind,Date): JP 9401000 A 19940102  
 IPC: G02B 11/07  
 Derwent WPI Abstr No: 95 04 0000; 95 04 0000  
 Language of Document: Japanese

## UNITED STATES OF AMERICA (1)

Patent (No,Kind,Date): US 5400000 A 19940412  
 EXPOSURE APPARATUS HAVING CONTACT/PRIC PROJECTION OPTICAL SYSTEM  
 (English)  
 Patent Assignee: NIPPON KOGAKI KK (JP)  
 Author (Inventor): TAKAHASHI TOMOWAKI (JP)  
 Priority (No,Kind,Date): JP 9490000 A 19940412  
 Applic (No,Kind,Date): JP 9401000 A 19940102  
 National Class: 358.111; 358.111; 358.111  
 IPC: G02B 11/07  
 Derwent WPI Abstr No: 95 04 0000  
 Language of Document: English

Patent (No,Kind,Date): US 5999033 A 19991207  
 EXPOSURE APPARATUS HAVING CONTACT/PRIC PROJECTION OPTICAL SYSTEM  
 (English)  
 Patent Assignee: NIPPON KOGAKI KK (JP)  
 Author (Inventor): TAKAHASHI TOMOWAKI (JP)  
 Priority (No,Kind,Date): JP 947882 A 19941206; JP 9490000 A 19940412; JP 9401000 A 19940102  
 Applic (No,Kind,Date): US 947882 A 19941206  
 Addtl Info: 19940412; 19940102  
 National Class: 358.111; 358.111  
 IPC: G02B 11/07  
 Derwent WPI Abstr No: 95 04 0000  
 Language of Document: English

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☒ all ☐ none

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